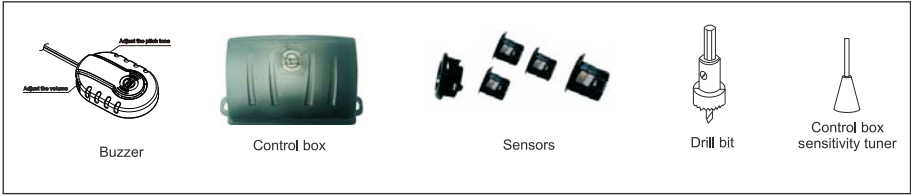


# PS740

## Main Parts



## Key Features

- 4 Sensor Audible Kit
- Tow bar Intelligent (Dip switch 1 rear of ECU control unit)
- Sensitivity adjustable
- Sensor height adjustable 45cm - 55cm
- Self Test Function
- 18.5 mm Paintable sensors
- 4 & 2 sensor option
- 2 Eye - use C & D on the ECU Control unit      PS 440 Does not have this function
- Buzzer size: 61x41mm
- 10 degree collar and 13 degree collar for option

**Anti-hook function**  
The system has anti-hook function . It will not alarm if there is a Towbar and Spare tyre in the back side of vehicle .

**20 cm on/off function**  
There is a "on/off" switch on the back side of control unit . If you choose "on" , the alarming distance will be 20cm short than the real distance . It used for vehicles which has a spare tire in the back . The buzzer alarms the rear distance between obstacle and spare tire , instead of distance between obstacle and bumper

Switch 1: Anti-hook function

Switch 2: Shorten the detection distance of A&D sensor to 1M

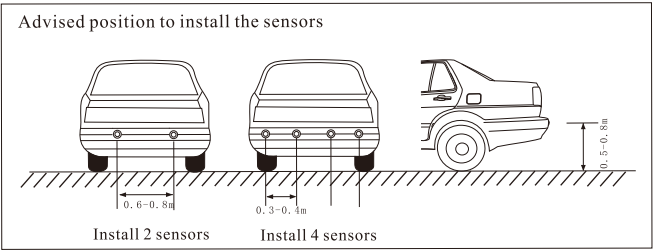
## Technical Specifications

- Operating Voltage Range: 12/24 volt
- Ultrasonic Frequency: 40KHz
- Control Working Temperature: -30-+70℃
- Detection Range: 0.2-1.5m
- Rated Current: 20-200mA

## Alarm Mode

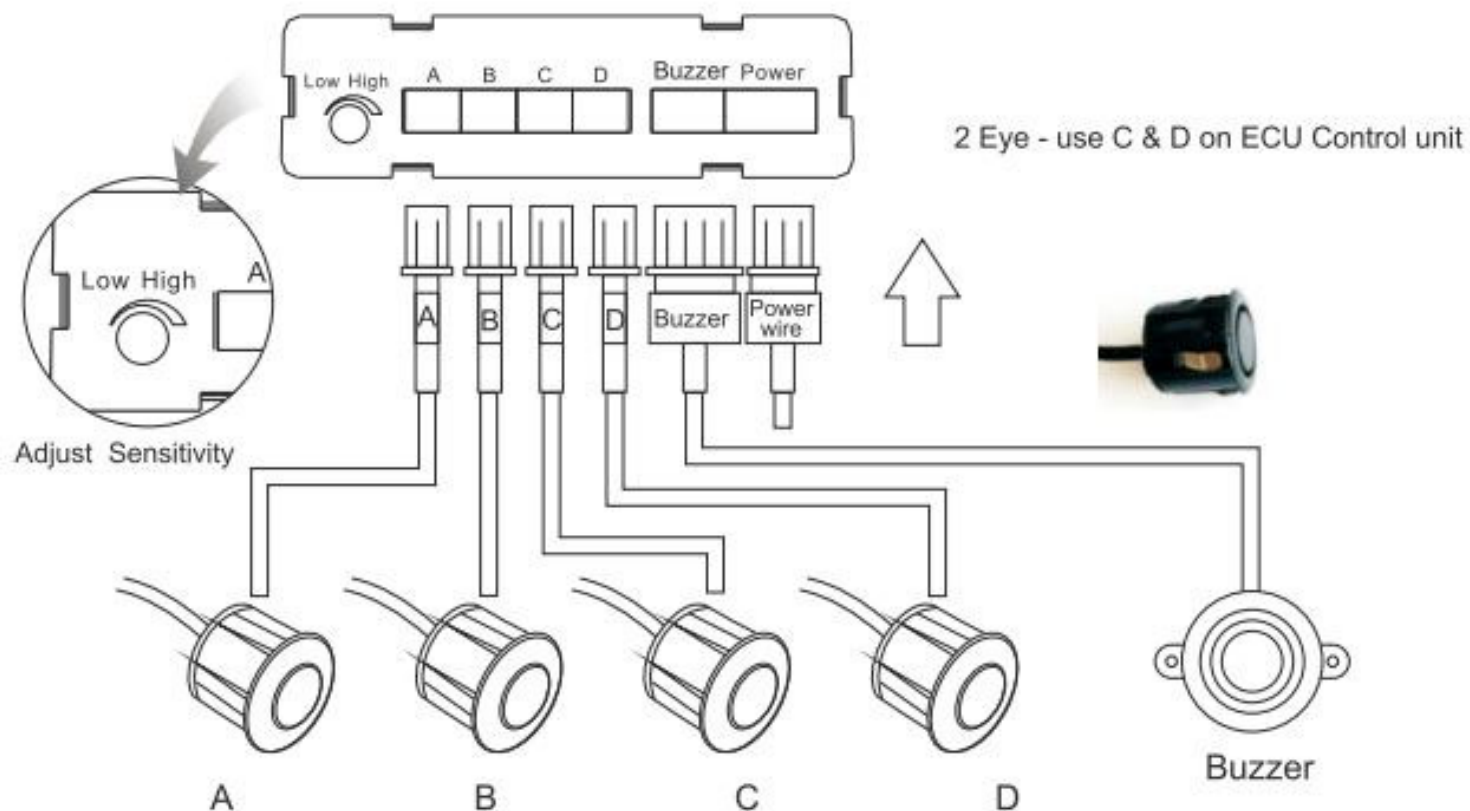
Stages	Distance	Awareness	Alarm sound
1	>1.5m	Safety Area	Silence
2	1.0-1.5m	Safety Area	Bl.....Bl.....
3	0.7-0.9m	Alarm Area	Bl.....Bl.....
4	0.4-0.6m	Alarm Area	Bl...Bl...
5	≤0.3m	Danger Area	Bl...

## Sensors' Installation



# Wiring Diagram

**PS440-540-740-940-1040-1940**



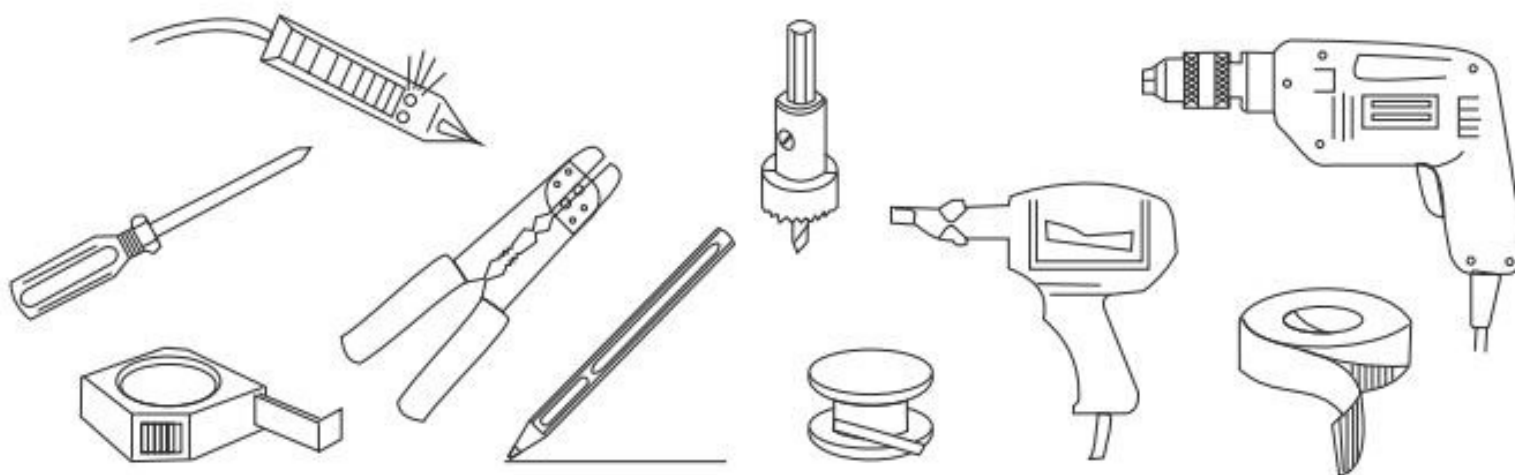
Sensor installation height adjustable from 45 to 55cm



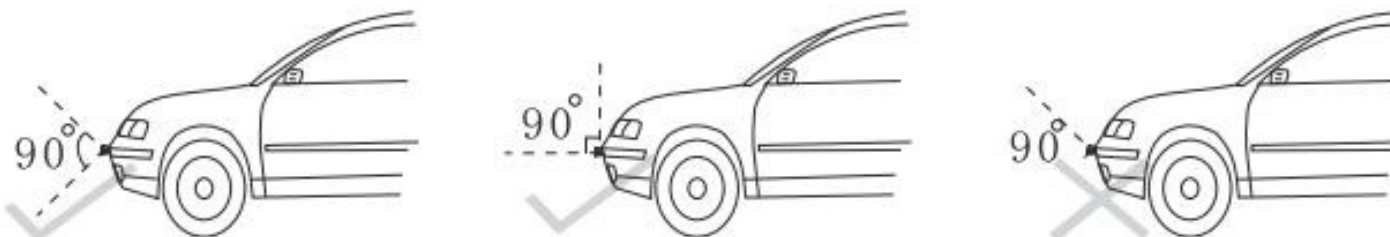
Switch 1: Anti-hook function

Switch 2: Shorten the detection distance of A&D sensor to 1M

## Installation Tools



## Sensor Installation



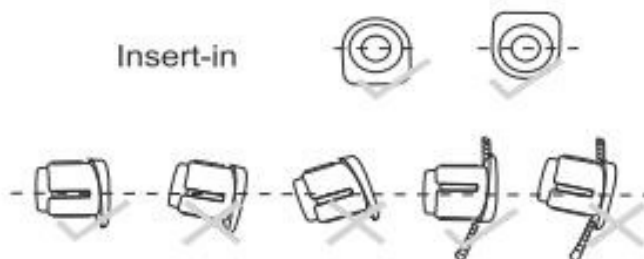
Be sure no other part of vehicle falls into the detecting range of sensors to avoid false alarm.



The best position for 2 sensors    The best position for 4 sensors

### The direction of sensors

Insert-in

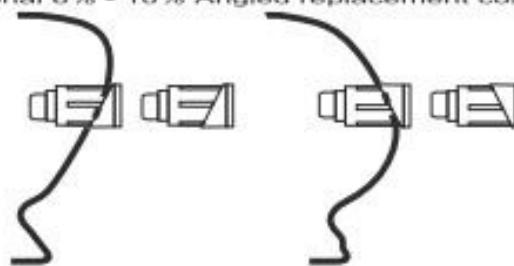


### The direction of sensors (2)

Optional 6% - 10% Angled replacement collars



Vertical installation position to the ground



Sloping installation position to the ground

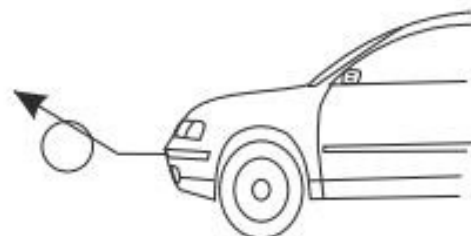
Smooth slope

Smooth round objects

Objects absorbing wave, e.g. Cotton



Objects hard to be detected



Optional 6% - 10% Angled replacement collars

